

CEMENT CONCRETE PAVEMENT

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Concrete Plant

Archeological/Historic Preservation

If a batch plant is to be located on INDOT right-of-way within the limits of the project, then the right-of-way has already had archaeological clearance during the preliminary engineering phase of the project. If the plant is to be located on INDOT right-of-way beyond the project limits, check with the Division of Operations Support to determine whether the site will require an archaeological reconnaissance. When a batch plant is located on private property, and the contractor is being paid with federal funds for the project work, the National Historic Preservation Act extends the protection of the site to the contractor. It will be the responsibility of the contractor to have the site cleared by an archaeologist prior to its use. It is generally not feasible for INDOT personnel to be responsible for verifying that the contractor is complying with all appropriate laws when the contractor has been delegated the responsibility of complying with all appropriate Laws and Regulations Section by contract. However, if INDOT is aware of or has reason to believe that the contractor is violating the law, INDOT does have the obligation to prevent the violation and/or ensure that the contractor takes action to comply with federal law relating to historic preservation. If any artifacts or relics are discovered, relevant state and federal law will apply.

See Archeological and Historic Section in the Laws and Regulations Section, page 1 for further information

Fugitive Dust

Fugitive dust means the generation of particulate matter to the extent that some portion of the material escapes beyond the property line or boundaries of the property, right-of-way, or easement on which the source is located regardless of whether from a single operation or a number of operations. Simply, if at least fifty percent (50%) of the dust can be breathed in or is visible crossing the right-of-way, it is fugitive dust.

The batch plant may generate fugitive dust. Indiana code states that fugitive dust from construction or demolition where **every reasonable precaution has been taken in minimizing fugitive dust emissions** is exempted from the fugitive dust rule. This code also provides some fugitive dust control measures. These include spraying with water or treating with approved oil or chemical dust suppressant. These precautions are especially important on dry, windy days. The contractor must take every reasonable precaution to ensure that dust does not cross the right-of-way.

See the Fugitive Dust Section of the Laws and Regulations Section for detailed information.

Karst

When a project is located in a karst area, care must be taken as to where the drainage from the batch plant goes. If the batch plant is located near a sinkhole or other karst feature, the regulatory agencies will require control of the drainage such that the acute and chronic criteria for surface water quality criteria are not exceeded.

See Karst Section in the Laws and Regulations Section for further information.

Pavement Joints

Fugitive Dust

Fugitive dust means the generation of particulate matter to the extent that some portion of the material escapes beyond the property line or boundaries of the property, right-of-way, or easement on which the source is located regardless of whether from a single operation or a number of operations. Simply, if at least fifty percent (50%) of the dust can be breathed in or is visible crossing the right-of-way, it is fugitive dust.

The cutting of pavement joints may generate fugitive dust. Indiana code states that fugitive dust from construction or demolition where **every reasonable precaution has been taken in minimizing fugitive dust emissions** is exempted from the fugitive dust rule. This code also provides some fugitive dust control measures. These include spraying with water or treating with an approved oil or chemical dust suppressant. These precautions are especially important on dry, windy days. The contractor must take every reasonable precaution to ensure that dust does not cross the right-of-way.

See the Fugitive Dust Section of the Laws and Regulations Section for detailed information.

Finishing

See Pavement Joints